

TTGGGGTGCGGTTGGGG

5'	GG	GGA	AGC	AGC	TGG	AGT	GCG	ACC	GCC	ACG	GCA	GCC	ACC	CTG	CAA	CCG	CCA	GTC	
	63		72		81		90		99		99		99		108				
	GGA	GCT	GCA	GTC	CGT	AGG	CCC	TGG	CCC	CCG	GCT	GGG	CCC	TTG	GGG	AGT	CGG	CGC	
	117		126		135		144							153					162
	CGC	TCC	CGA	GGA	GCT	GCA	AGG	CTC	GCC	CCT	GCC	CGG	CGT	GGA	GGG	CGC	GGG	GGG	
	171		180		189		198							207					216
	CGC	GGA	GAA	AGT	GAA	GAG	AGG	AAA	TGG	GAA	AAT	TGT	GAG	TGG	ACC	TTC	TGA	TAC	
	225		234		243		252							261					270
	TGC	TCC	TCC	TTG	CGT	GGA	AAA	GGG	GAA	AGA	ACT	GCA	TGC	ATA	TTA	TTC	AGC	GTC	
	279		288		297		306							315					324
	CTA	TAT	TCA	AAG	GAT	ATT	CTT	GGT	GAT	CTT	GGA	AGT	GTC	CGT	ATC	ATG	GAA	TCA	
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
															M	E	S		
	333		342		351		360							369					378
	ATC	TCT	ATG	ATG	GGA	AGC	CCT	AAG	AGC	CTT	AGT	GAA	ACT	TGT	TTA	CCT	ATG	GGC	
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	I	S	M	M	G	S	P	K	S	L	S	E	T	C	L	P	N	G	

FIGURE 1A

## TIGER\* GENOME

387	396	405	414	423	432
ATA AAT GGT ATC AAA GAT GCA AGG AAG GTC ACT GTC	ATT GAA AGT GGA	ATT GGA AGT GGA			
T N G I K D A R K V T V G V I G S G					
441	450	459	468	477	486
GAT TTTT GCC AAA TCC TTG ACC ATT CGA CTT ATT AGA TGC TAT GTC	GGC TAT CAT GTG GTC				
D F A K S L T I R L I R C G Y H V V					
495	504	513	522	531	540
ATA GGA AGT AGA AAT CCT AAG TTT GCT TCT GAA TTT TTT CCT CAT GTG GTA GAT					
I G S R N P K F A S E F F P H V V D					
549	558	567	576	585	594
GTC ACT CAT GAA GAT GCT CTC ACA AAA ACA AAT ATA ATA TTT GTT GCT ATA					
V T H H E D A L T K T N I I F V A I					
603	612	621	630	639	648
CAC AGA GAA CAT TAT ACC TCC CTG TGG GAC CTG AGA CAT CTG CTT GTG GGT AAA					
H R E H Y T S L W D L R H L V G K					

FIGURE 1B

TCGCG\*G252060

ATC	CTG	ATT	GAT	GTG	AGC	AAT	AGC	ATG	AGG	ATA	AAC	CAG	TAC	CCA	GAA	TCC	AAT
I	L	I	D	V	S	N	N	M	R	I	N	Q	Y	P	E	S	N
GCT	GAA	TAT	TTG	GCT	TCA	TAA	TTC	CCA	GAT	TCT	TTG	ATT	GTC	AAA	GGA	TTT	AAT
A	E	Y	L	A	S	L	F	P	D	S	L	I	V	K	G	F	N
GTT	GTC	TCA	GCT	TGG	GCA	CTT	CAG	TAA	GGA	CCT	AAG	GAT	GCC	AGC	CGG	CAG	GTT
V	V	S	A	W	A	L	Q	L	G	P	K	D	A	S	R	Q	V
TAT	ATA	TGC	AGC	AAC	AAT	ATT	CAA	GCG	CGA	CAA	CAG	GTT	ATT	GAA	CTT	GCC	CGC
Y	I	C	S	N	N	I	Q	A	R	Q	Q	V	I	E	L	A	R
CAG	TTG	AAT	TTC	ATT	CCC	ATT	GAC	TTG	GGA	TCC	TTA	TCA	TCA	GCC	AGA	GAG	ATT
Q	L	N	F	I	P	I	D	L	G	S	L	S	S	A	R	E	I

FIGURE 1C

“TITLED” DISSEMINATION

GAA	AAT	TTA	CCC	CTA	CGA	CTC	TTT	ACT	CTC	TGG	AGA	GGG	CCA	GTG	GTG	GTA	GCT
927			936			945			954			963			972		
E	N	L	P	L	R	L	F	T	L	W	R	G	P	V	V	V	A
981			990			999			1008			1017			1026		
ATA	AGC	TTG	GCC	ACA	TTT	TTT	TTC	CTT	TAT	TCC	TTT	GTC	AGA	GAT	GTG	ATT	CAT
1035			1044			1053			1062			1071			1080		
CCA	TAT	GCT	AGA	AAC	CAA	CAG	AGT	GAC	TTT	TAC	AAA	ATT	CCT	ATA	GAG	ATT	GTG
1089			1098			1107			1116			1125			1134		
AAT	AAA	ACC	TTA	CCT	ATA	GTT	GCC	ATT	ACT	TTG	CTC	TCC	CTA	GTA	TAC	CTC	GCA
1143			1152			1161			1170			1179			1188		
GGT	CTT	CTG	GCA	GCT	GCT	TAT	CAA	CTT	TAT	TAC	GGC	ACC	AAG	TAT	AGG	AGA	TTT
G	L	L	A	A	A	Y	Q	L	Y	Y	G	T	K	Y	R	R	F

FIGURE 1D

卷之三

1197	1206	1215	1224	1233	1242
CCA CCT TGG TTG GAA ACC TGG TTA CAG TGT AGA AAA CAG CTT GGA TTA CTA AGT					
P P W L E T	W	L	Q	C	R
F F F A M V	H	V	A	Y	S
S E R Y L F	L	N	M	A	Y
GAA AAC TCT TGG ATT GAG GAA GAA GTT TGG AGA ATT GAA ATG TAT ATC TCC TTT	1368	1377	1386	1395	1404
E N S W N E E V	W	R	I	E	M
GGC ATA ATG AGC CTT GGC TTA CTT TCC CTC CTG GCA GTC ACT TCT ATC CCT TCA	1422	1431	1440	1449	1458
G I M S L G L	L	S	E	L	S

FIGURE 1E

FIGURE 1F: Genealogical

GTG AGC AAT GCT TTA AAC TGG AGA GAA TTC AGT TTT ATT CAG TCT ACA CTT GGA	1467	1476	1485	1494	1503	1512
---	---	---	---	---	---	---
V S N A L N W R E F S F I Q S T L G	---	---	---	---	---	---
TAT GTC GCT CTG CTC ATA AGT ACT TTC CAT GTT TTA ATT TAT GGA TGG AAA CGA	1521	1530	1539	1548	1557	1566
---	---	---	---	---	---	---
Y V A L L I S T F H V L I Y G W K R	---	---	---	---	---	---
GCT TTT GAG GAA GAG TAC TAC AGA TTT TAT ACA CCA CCA AAC TTT GTT CTT GCT	1575	1584	1593	1602	1611	1620
---	---	---	---	---	---	---
A F E E Y Y R F Y T P P N F V L A	---	---	---	---	---	---
CTT GTT TTG CCC TCA ATT GTA ATT CTG GGT AAG ATT ATT TTA TTC CTT CCA TGT	1629	1638	1647	1656	1665	1674
---	---	---	---	---	---	---
L V L P S I V I L G K I I L F L P C	---	---	---	---	---	---
ATA AGC CGA AAG CTA AAA CGA ATT AAA AAA GGC TGG GAA AAG AGC CAA TTT CTG	1683	1692	1701	1710	1719	1728
---	---	---	---	---	---	---
I S R K L K R I K K G W E K S Q F L	---	---	---	---	---	---

FIGURE 1F

T06020 = 02523260

FIGURE 1G

卷之三

FIGURE 2A

241 R N Q Q S D F Y K I P I E I V N K T L P I V A I T L L S L V 7492448  
100 T S H Q Q Y F Y K I P I L V I N K V L P M V S I T L L A L V g6572948

271 Y L A G L L A A Y Q L Y Y G T K Y R F P P W L E T W L Q 7492448  
130 Y L P G V I A A T I V Q L H N G T K Y K K F P H W L D K W M L g6572948

301 C R K Q L G L L S F F F A M V H V A Y S L C L P M R R S E R 7492448  
160 T R K Q F G L L S F F F A V L H A I Y S L S Y P M R R S Y R g6572948

331 Y L F I N M A Y Q Q V H A N I E N S W N E E V W R I E M Y 7492448  
190 Y K L L N W A Y Q Q V Q Q N K E D A W I E H D V W R M E I Y g6572948

361 I S F G I M S L G L L S L A V T S I P S V S N A L N W R E 7492448  
220 V S L G I V G L A I L A L L A V T S I P S V S D S L T W R E g6572948

391 F S F I Q S T L G Y V A L L I S T F H V L I Y G W K R A F E 7492448  
250 F H Y I Q S K L G I V S I L L G T I H A L I F A W N K W I D g6572948

421 E E Y Y R F Y T P P N F V L A L V L P S I V I L G R I T I L F 7492448  
280 I K Q F V V W Y T P P T F M I A V F L P I V V L I F K S I L F g6572948

FIGURE 2B

卷之三

451	L P C I S R K L K R I K K G W E K S Q F L E E G I G T P	7492448
310	L P C L R K K I L K I R H G W E D	- - - - -
481	H V S P E R V - T V M	7492448
329	K I N K T E I C S Q L	96572948

FIGURE 2C